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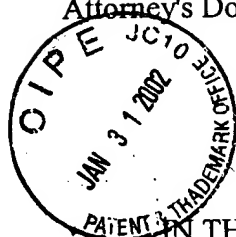
PATENT

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2-14-02

Attorney's Docket No. 3339-239A



RESPONSE UNDER 37 C.F.R. 1.116 - EXPEDITED
PROCEDURE - EXAMINING GROUP 1633

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Joel Sternheimer
Appl. No.: 09/320,637
Filed: May 26, 1999
For: METHOD FOR THE REGULATION OF
PROTEIN BIOSYNTHESIS

Group Art Unit: 1633
Examiner: J. Martinell

November 7, 2001

Box AF
Commissioner for Patents
Washington, DC 20231

**AMENDMENT AFTER FINAL ACTION
PURSUANT TO 37 C.F.R. § 1.116**

Sir:

In response to the Office Action mailed (made final) May 25, 2001, please amend the
above-identified application as follows:

In The Claims:

Please cancel Claims 1-12 and add new Claims 13-18.

13. (New) A method for epigenetic regulation of protein biosynthesis *in situ* by scale
resonance comprising:

A. determining the amino acid sequence of said protein, then the sequence of musical
notes corresponding to said amino acid sequence, through decoding and transposition into sound
of time series of quantum vibrations associated to its elongation, by operating as follows:

(a) determining the proper frequency of each amino acid in its free state, equal to
its mass multiplied by the square of the speed of light in vacuum and divided by Planck's
constant; then minimizing the global harmonic distance between all the possible couples
of amino acids as a function of their proportion in enviroining transfer RNA population to
which said amino acids are bound, by setting the condition that the displacement of the
initial proper frequency of the amino acid in its free state as earlier determined, towards
its bound state value which results in the synchronized frequency, be smaller than half the
difference between the two synchronized frequencies surrounding said initial frequency,

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